



# Leading Innovation: Implementing Effective 1:1 Learning Technology Programs July 7-9, 2010

## AGENDA: Content-Specific Strand

**Wednesday, July 7th**

9:00 – 10:00am

**Registration**

Flood Gallery

10:00 – 10:15am

**Welcome and Institute Overview**

Wachovia Innovation Hall

*Glenn Kleiman, Professor and Executive Director, Friday Institute - NCSU*

10:15 – 10:30am

**Designing A New Learning Ecology through 1:1 Teaching: Inquire, Create, Achieve!**

Wachovia Innovation Hall

1:1 environments provide a unique opportunity for students and teachers to co-create a "new learning ecology" that promotes personalization, engagement, as well as mastery of academic content. Begin envisioning what a new learning ecology looks like as you develop new skills, strategies, and frameworks for thinking and teaching in a 1:1 environment.

*Hiller Spires, Professor and Friday Institute Senior Research Fellow*

10:30 – 12:00pm

**Teaching and Learning in a 1:1 Environment: An Immersion Experience**

During this session, Institute participants will experience a 1:1 classroom where project based learning and best practices in 1:1 teaching and learning is modeled. Institute participants will work collaboratively through one of four different content-specific lessons. Each content-specific immersion experience uses a wiki platform, illustrating the power of 1:1 computing and its ability to bring down the barriers of time and space. Institute participants will leave this session with access to four model 1:1 classroom lesson plans based upon the NC Standard Course of Study.

Content-Specific Leads

*Math: Anthony Dove and Lizzie Halstead*

*Science: Joselyn Todd*

*English: Lisa Hervey*

BB&T

Discovery A

Nortel

\*Social Studies: Brent Bryant and Jonathan List

\*Social Studies Teachers will move to Discovery B after this session

12:00 – 1:00pm

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## Lunch

1:00 – 2:00pm

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## Unique Opportunities and Challenges for Learning in 1:1 Environments

Participants will reflect upon the 1:1 immersion experience and what makes this experience unique in comparison to the non-1:1 classroom. Through large and small group discussion, teachers will gain insight into best practices of 1:1 learning/teaching as well as effective strategies for content-specific teaching.

2:00 – 2:15pm

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## Break

*Snacks and drinks provided in the gallery*

2:15 – 4:00pm

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## Opportunities for Assessments in 1:1 Environments

Experience how to effectively perform assessment in a 1:1 classroom. Teachers will explore multiple methods of technology-based assessment, discuss the advantages and disadvantages of each, identify ways for minimizing the potential disadvantages, and create technology-based content-specific assessments that utilize high-order thinking.

4:00 – 4:15pm

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## Break

4:15 – 5:15pm

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## Team-time with Facilitators

School/District	Meeting Room	Team Time Facilitator(s)
1. Asheville High School	<b>Wachovia Innovation Hall</b>	Mary Lou
2. SILSA	<b>Wachovia Innovation Hall</b>	Mary Lou
3. Madison	<b>Wachovia Innovation Hall</b>	Joselyn
4. Perquimans	<b>Room 113</b>	Ouida/Donna
5. Roanoke Rapids	<b>BB&amp;T</b>	Anthony/Julian
6. Halifax	<b>BB&amp;T</b>	Anthony/Julian
7. Surry	<b>Room 117</b>	Melanie/Sherry
8. Vance	<b>Nortel</b>	Lizzie/Cathy
9. Weldon	<b>Nortel</b>	Cynthia

5:15 – 6:30pm

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## Informal Networking Reception

Make the most of this opportunity get to know your peers and learn more about their school or district 1:1 efforts.

8:45 – 9:00am

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**Overview of the Day**

Wachovia Innovation Hall

9:00 – 11:00am

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**Utilizing Content-Based Technology Tools in the 1:1 Classroom I**

During this session, participants will focus on technology tools that can enhance teaching and learning in the content area. This will serve as an opportunity to see how these tools can be utilized in a 1:1 environment to increase student thinking, learning, and discourse.

11:00 – 11:10am

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**Break**

*Snacks and drinks provided in the gallery*

11:10 – 12:00pm

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**Team Planning Time**

Multiple Locations

12:00 – 1:00pm

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**Working Lunch**

1:00 – 2:00pm

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**Utilizing Content-Based Technology Tools in the 1:1 Classroom II**

During this session, participants will continue to explore technology tools that can enhance teaching and learning in the content area. This will serve as an opportunity to see how these tools can be utilized in a 1:1 environment to increase student thinking, learning, and discourse.

2:00 – 2:15pm

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**Break**

*Snacks and drinks provided in the gallery*

2:15 – 4:50pm

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**Creating Effective 1:1 Lessons and PD Experiences**

Participants will apply the skills they have learned throughout the institute to recreate a lesson and/or PD experience that will be taught or implemented the first month of school. This lesson will be created using a Web 2.0 platform and will include technology-based assessment, technology-based activities, student collaboration to complete the lesson's activities, and an opportunity for group sharing and/or group discussion following activities.

4:50 – 5:00pm

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**Break**

5:00 – 6:00pm

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## NCTAF Learning Teams Approach

Wachovia Innovation Hall

Programs to implement technology in schools can benefit from innovative staffing models and engaging expertise from local businesses, colleges, and communities. [The National Commission for Teaching and America's Future \(NCTAF\)](#) has developed a *Learning Teams* approach to empower teachers to work together and with community volunteers to improve teaching and learning beyond what any individual teacher could accomplish alone. This approach can foster the type of cross-functional, multi-skilled teamwork that is already the path to high performance in other professions and apply it to supporting innovative uses of technology to enhance teaching and learning. It addresses the question of: What if teachers in our schools, instead of working alone, were empowered to come together in teams of veterans and novices, educators and non-educators, each offering unique perspectives and diverse experiences, yet all focused on student learning and all sharing joint accountability for student success? This session will introduce the approach to enable participants to consider whether they would want to implement collaborative learning teams in their schools. A follow-up session will be available in the fall for schools and districts interested in implementing the *Learning Teams* approach.

Presenters: Karen Smith, Chief Operating Officer, NCTAF and Hanna Doerr, NCTAF

*Following this session, please join the NCTAF representatives for a light reception and Q & A*

**Friday, July 9th**

8:45 – 9:00am

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## Overview of the Day

Wachovia Innovation Hall

9:00 – 11:00am

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## Critical Friends Cross Sharing and Debrief

During this session, teachers, Media Coordinators, and ITFs will share the lessons and/or PD experiences created in cross-curriculum groups. Groups will discuss the strengths and share areas for improvement for each experience. Each participant will leave equipped with rich feedback that will strengthen their lesson/PD. Participants will be responsible for incorporating suggested changes prior to teaching the lesson in the fall.

Group I

Nortel

Group II

BB&T

11:00 – 11:15am

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## Break

*Snacks and drinks provided in the gallery*

11:15 – 12:30pm

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## Final Team Time and Next Steps

Multiple Locations

12:30 – 1:00pm

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## Closing Remarks and Lunch

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Neill Kimrey, Director, Instructional Technology, NC Department of Public Instruction